

JUL 25 2001



## POWER OF ATTORNEY FROM ASSIGNEE TECH CENTER 1600/2900

The General Hospital Corporation, a corporation of Massachusetts, having a principal place of business at 55 Fruit Street, Boston, Massachusetts 02114, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on (1) September 19, 2000; (2) September 21, 2000; (3) September 28, 2000; and (4) September 20, 2000, respectively of an invention known as Polypeptide Derivatives of Parathyroid Hormone (PTH) (Attorney Docket No. 0609.4820002/SRL/M-G), which is disclosed and claimed in a patent application of the same title by the inventors (1) Thomas J. Gardella, (2) Henry M. Kronenberg, (3) John T. Potts, Jr., and (4) Harald Jüppner (said application filed on September 29, 2000 at the U.S. Patent and Trademark Office, having Application Number 09/672,020).

The Assignee hereby appoint the U.S. attorneys associated with **CUSTOMER NUMBER 28393** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
U.S.A.

Direct phone calls to 202-371-2600.

FOR: The General Hospital Corp  
SIGNATURE: F. TONEGUZZO  
BY: FRANCES TONEGUZZO, P.L.D.  
TITLE: CORPORATE SPONSORED RESEARCH AND LICENSING DIRECTOR  
DATE: 7-6-01



RECEIVED

JUL 25 2001

## Certificate Under 37 C.F.R. § 3.73(b) TECH CENTER 1600/2900

Applicant/Patent Owner: GARDELLA et al.Application No./Patent No.: 09/672,020Filed/Issue Date: September 29, 2000Entitled: Polypeptide Derivatives of Parathyroid Hormone (PTH)The General Hospital Corporation

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011416, Frame 0986, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: 7-6-01Name: FRANCES TONEGUZZO, Ph.D.  
CORPORATE SPONSORED RESEARCH AND LICENSINGTitle: DIRECTORSignature: F. Toneguzzo

**DO NOT FORWARD  
TO ASSIGNMENT BRANCH  
NOT FOR RECORDATION**

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): (1) Thomas J. Gardella, (2) Henry M. Kronenberg, (3) John T. Potts, Jr. and (4) Harald Jüppner, the undersigned inventor(s) hereby sell(s) and assign(s) to The General Hospital Corporation (the Assignee) their entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

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☒ and throughout the world,

(a) in the invention(s) known as Polypeptide Derivatives of Parathyroid Hormone (PTH)  
for which application(s) for patent in the United States of America has (have) been executed by  
the undersigned on (1) 9-19-64 (2)  
(3) (4) (also  
known as United States Application No. (to be assigned), filed (to be filed)), in any  
and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part  
(a), including continuing applications, reissues, extensions, renewals and reexaminations of the  
patent application or Letters Patent therefor listed above in part (a), to the full extent of the term  
or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any  
and all forms of intellectual and industrial property protection derivable from such patent  
application, and that are derivable from any and all continuing applications, reissues, extensions,  
renewals and reexaminations of such patent application, including, without limitation, patents,  
applications, utility models, inventor's certificates, and designs together with the right to file  
applications therefor; and including the right to claim the same priority rights from any previously  
filed applications under the International Agreement for the Protection of Industrial Property, or  
any other international agreement, or the domestic laws of the country in which any such  
application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal  
representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed  
by the Assignor had this assignment and sale not been made.

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application(s) thereof and also to execute separate assignments in connection with such application(s) as the  
Assignee may deem necessary or expedient.

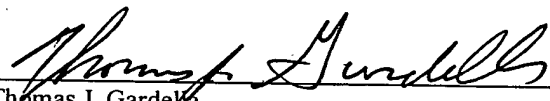
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Assignee in every way possible in obtaining evidence and going forward with such interference or patent  
enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest  
herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912;  
Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021;  
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IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: X 9-19-00 Signature of Inventor: X   
Thomas J. Gardeka

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Henry M. Kronenberg

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
John T. Potts, Jr.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Harald Jüppner

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): (1) Thomas J. Gardella, (2) Henry M. Kronenberg, (3) John T. Potts, Jr. and (4) Harald Jüppner, the undersigned inventor(s) hereby sell(s) and assign(s) to The General Hospital Corporation (the Assignee) their entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

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for which application(s) for patent in the United States of America has (have) been executed by  
the undersigned on (1) (2) 9/21/00  
(3) (4) (also  
known as United States Application No. (to be assigned), filed (to be filed)), in any  
and all applications thereon, in any and all Letters Patent(s) therefor, and

SRL 9/24/00  
Ry No 34,203

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Thomas J. Gardella

Date: 9-21-00 Signature of Inventor: Henry M. Kronenberg  
Henry M. Kronenberg

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
John T. Potts, Jr.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Harald Jüppner

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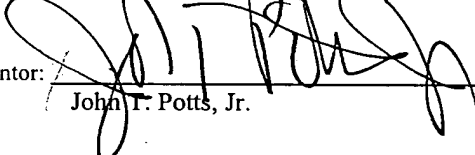
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Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Thomas J. Gardella

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Henry M. Kronenberg

Date: X 9/28/00 Signature of Inventor:   
John T. Potts, Jr.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Harald Jüppner



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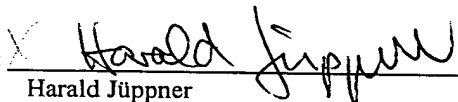
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